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COMMITTEE ON THE PEACEFUL USES
OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 26 February 1980 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the 1976 Convention on Registration of Objects Launched into Outer Space, has the honour to transmit herewith information concerning space objects launched by the Union of Soviet Socialist Republics during the period November-December 1979 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN NOVEMBER 1979

1. In November 1979, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1419	Intercosmos-20*	1 November	523	467	74	94.4	Testing of methods for comprehensivew study of the oceans and the surface of the earth, and testing of automatic gathering of scientific information from experimental sea and land stations
1420	Cosmos-1144	2 November	378	179	67.2	89.8	Investigation of the upper atmosphere and outer space
1421	Cosmos-1145	27 November	652	629	81.2	97.3	Investigation of the upper atmosphere and outer space

* Space object 1419 was launched under the INTERCOSMOS Programme by the Soviet Union together with the Czechoslovak Socialist Republic, the German Democratic Republic, the Hungarian People's Republic and the Socialist Republic of Romania.

All objects were launched from the territory of the USSR.

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2. The following space objects ceased to exist in November 1979 and were no longer in earth orbit at 2400 hours Moscow time, 30 November:

Cosmos	425 (1971-050A)
Cosmos	816 (1976-037A)
Intercosmos	15 (1976-056A)
Intercosmos	17 (1977-096A)
Cosmos	1096 (1979-036A)
Cosmos	1142 (1979-092A)

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR in December 1979

1. In December 1979, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	2	4	5	6	7	8
1422	Cosmos-1146	5 December	497	441	659	93.9	Investigation of the upper atmosphere and outer space
1423	Cosmos-1147	12 December	407	207	72.9	90.3	Investigation of the upper atmosphere and outer space
1424	Soyuz T	16 December	232	201	51.6	88.6	Complex experimental testing of new on-board systems and assemblies under various flight conditions and operation in conjunction with the Salyut-6 orbital station

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No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1425	Gorizont	28 December	36300	36300	0.8	1463	Provision of telephone and telegraph radiocommunication and transmission of television programmes
1426	Cosmos - 1148	28 December	367	180	67.1	89.7	Investigation of the upper atmosphere and outer space

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in December 1979 and were no longer in earth orbit at 2400 hours Moscow time, 31 December:

Cosmos - 74 (1965-053A)
Cosmos - 913 (1977-042A)
Cosmos - 965 (1977-111A)
Cosmos - 1144 (1979-097A)
Cosmos - 1147 (1979-102A)

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INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION
ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 23 April 1980 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and has the honour to transmit to the United Nations 10 copies each of the United States launch registration reports for the months of December 1979 and January 1980.

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REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 2400Z on 31 December 1979

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit						
1979-101A	7 Dec	629.9	23.8	35772	152	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1979-101B	7 Dec	106.3	27.3	1949	160	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
1979-101C	7 Dec	109.4	27.4	2234	164	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the previous report:						
1965-027F	3 Apr	111.0	90.2	1323	1279	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
1979-057C	27 Jun	101.1	98.7	815	806	Spent boosters spent manoeuvering stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 31 December 1979:

1961-0MI-088	1972-058BN
1963-005A	1972-058BU
1965-082CL	1975-004L
1965-082LM	1975-004T
1965-082NY	1975-004AT
1969-006B	1975-004AU
1969-082CL	1975-004BV
1969-082GJ	1975-004CV
1970-025HX	1975-004DH
1971-058A	1975-004DJ

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REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 2400Z on 31 January 1980

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit						
1980-004A	18 Jan	1413.1	2.7	35655	35016	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1980-004B	18 Jan	588.4	26.1	33579	184	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 31 January 1980:

1965-082ME
1972-058CR
1972-058DH
1972-058DR
1974-085B
1975-004BF
1979-094B

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COMMITTEE ON THE PEACEFUL USES
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INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 28 April 1980 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the 1976 Convention on Registration of Objects Launched into Outer Space, has the honour to transmit herewith information concerning space objects launched by the Union of Soviet Socialist Republics during January 1980 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN JANUARY 1980

1. In January 1980, the USSR launched the following space objects:

	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1427	Cosmos-1149	9 January	414	208	72.9	90.4	Investigation of the upper atmosphere and outer space.
1428	Molniya-1	11 January	40830	478	62.8	737	Operation of the long-range telephone and telegraph radiocommunications system in the USSR; transmission of USSR central television programmes to stations in the Orbita network.
1429	Cosmos-1150	14 January	1028	989	83	105	Investigation of the upper atmosphere and outer space.
1430	Cosmos-1151	23 January	678	650	82.5	97.8	Testing of methods for obtaining operational information on the oceans.
1431	Cosmos-1152	24 January	370	181	67.1	89.7	Investigation of the upper atmosphere and outer space.
1432	Cosmos-1153	25 January	1031	983	83	105	Investigation of the upper atmosphere and outer space.
1433	Cosmos-1154	30 January	671	634	81.3	97.3	Investigation of the upper atmosphere and outer space.

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in January 1980 and were no longer in earth orbit at 2400 hours Moscow time, 31 January:

Cosmos-387 (1970-111A)
Cosmos-436 (1971-074A)
Cosmos-1112 (1979-063A)
Cosmos-1148 (1979-106A)
Cosmos-1149 (1980-001A)

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REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 27 May 1980 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the 1976 Convention on Registration of Objects Launched into Outer Space, has the honour to transmit herewith information concerning space objects launched by the Union of Soviet Socialist Republics during February 1980 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN FEBRUARY 1980

1. In February 1980, the USSR launched the following space objects:

			Basic orbit characteristics				
	Name of space object	Date of launching	Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	General purpose of space object
1	2	3	4	5	6	7	8
1434	Cosmos-1155	7 February	422	206	72.9	90.4	Investigation of the upper atmosphere and outer space.
1435-1442	Cosmos-1156 to Cosmos-1163*	12 February	1 528	1 450	74	115.4	Investigation of the upper atmosphere and outer space.
1443	Cosmos-1164	12 February	640	220	62.8	92.9	Investigation of the upper atmosphere and outer space
1444	Raduga	20 February	36 610	36 610	0.4	1 478	Provision of uninterrupted round-the-clock telephone and telegraph radiocommunication in the USSR and simultaneous transmission of colour and black-and-white USSR Central Television programmes to stations in the Orbita network
1445	Cosmos-1165	21 February	379	182	72.9	89.8	Investigation of the upper atmosphere and outer space

* Objects Nos. 1435-1442 were launched by a single carrier rocket.

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in February 1980 and were no longer in earth orbit at 2400 hours Moscow time, 29 February:

Cosmos-248 (1968-090A)
Cosmos-1152 (1980-006A)
Cosmos-1155 (1980-009A)

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Note verbale dated 27 May 1980 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit herewith information concerning space objects launched by the Union of Soviet Socialist Republics in March 1980 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN MARCH 1980

1. In March 1980, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1446	Cosmos-1166	4 March	406	208	72.9	90.3	Investigation of the upper atmosphere and outer space
1447	Cosmos-1167	14 March	457	438	65	93.3	Investigation of the upper atmosphere and outer space
1448	Cosmos-1168	18 March	1 026	981	82.9	104.9	Investigation of the upper atmosphere and outer space
1449	Cosmos-1169	27 March	521	478	65.8	94.5	Investigation of the upper atmosphere and outer space
1450	Progress-8	27 March	266	192	51.6	88.8	Delivery of various cargoes to the Salyut-6 orbital station

All objects were launched from the Territory of the USSR.

2. The following space objects ceased to exist in March 1980 and were no longer in earth orbit at 2400 hours Moscow time, 31 March:

Cosmos-373 (1970-087A)
Cosmos-437 (1971-075A)
Cosmos-460 (1971-103A)
Cosmos-500 (1972-053A)
Cosmos-906 (1977-031A)
Soyuz-T (1979-103A)
Cosmos-1165 (1980-017A)
Cosmos-1166 (1980-020A)

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Note verbale dated 10 June 1980 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and has the honour to transmit herewith 10 copies of the United States launch registration report for the month of February 1980.

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States Space Launches as of 2400Z on 29 February 1980

All launches were made from the territory of the United States unless otherwise specified

International Designation	Date of launch	Nodal Period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit						
1980-010A	7 Feb.	92.4	97.0	481	299	Spacecraft engaged in investigation of spaceflight techniques and technology
1980-010B	7 Feb.	90.3	97.0	368	209	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1980-011A	9 Feb.	715.9	63.7	20 165	20 095	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1980-011B	9 Feb.	344.3	63.1	19 622	168	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1980-014A	14 Feb.	96.1	28.5	575	572	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1980-014B	14 Feb.	96.1	28.5	573	566	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following object not previously reported has been identified since the last report:						
1980-004B	18 Jan.	582.7	26.0	33 279	182	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following object achieved orbit since the last report but is no longer in orbit as of 2400Z on 29 February 1980:						
1980-010-C	7 Feb.					Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 29 February 1980:

1965-024D
1965-082GE
1969-082DH
1970-025BB
1974-020C
1975-004AA
1975-004CK
1975-004DA
1975-004EY
1979-094B
1979-094C

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INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 21 July 1980 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and has the honour to transmit herewith the registration data for United States space launches for March and April 1980.

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 2400Z on 31 March 1980

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
1980-019A	3 Mar	107.1	63.5	1151	1035	Spacecraft engaged in investigation of spaceflight techniques and technology
1980-019B	3 Mar	107.4	63.5	1152	1058	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
1980-019C	3 Mar	107.4	63.4	1167	1050	Spacecraft engaged in investigation of spaceflight techniques and technology
1980-019D	3 Mar	107.5	63.5	1167	1050	Spacecraft engaged in investigation of spaceflight techniques and technology
1980-019E	3 Mar	107.4	63.5	1166	1043	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
1980-019F	3 Mar	107.4	63.5	1170	1051	Spent boosters, spent manoeuvering stages shrouds and other non-functional objects
1980-019G	3 Mar	107.5	63.5	1166	1051	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
1980-019H	3 Mar	107.4	63.5	1147	1065	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 31 March 1980:

1965-082HL	1967-034F	1965-082KY
1969-082BL	1972-058CZ	1965-082HZ
1972-058BD	1974-077A	1965-082MH
1975-004FE	1980-010B	1960-A MICRON 2
1972-058CW		

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REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 30 April 1980

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit						
1980-032A	26 Apr	707.6	62.9	20231	19622	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1980-032B	26 Apr	354.0	63.0	20202	170	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 30 April 1980:

1965-038F

1972-058BP

1972-058DM

1975-004AB

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COMMITTEE ON THE PEACEFUL USES
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INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 15 August 1980 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit herewith information concerning space objects launched by the Union of Soviet Socialist Republics in April, May and June 1980 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN APRIL 1980

1. In April 1980, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1451	Cosmos-1170	1 April	386	181	70.4	89.9	Investigation of the upper atmosphere and outer space
1452	Cosmos-1171	3 April	1 017	976	65.8	105	Investigation of the upper atmosphere and outer space
1453	Soyuz-35	9 April					Transport of a crew comprising L. I. Popov and V. V. Ryumin to the Salyut-6 station to carry out scientific and technical research and experiments
1454	Cosmos-1172	12 April					Investigation of the upper atmosphere and outer space
1455	Cosmos-1173	17 April					Investigation of the upper atmosphere and outer space
1456	Cosmos-1174	18 April					Investigation of the upper atmosphere and outer space
1457	Cosmos-1175	18 April					Investigation of the upper atmosphere and outer space
1458	Progress-9	27 April					Delivery of various cargoes to the Salyut-6 orbital station
1459	Cosmos-1176	29 April					Investigation of the upper atmosphere and outer space
1460	Cosmos-1177	29 April					Investigation of the upper atmosphere and outer space

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in April 1980 and were no longer in earth orbit at 2400 hours Moscow time, 30 April:

Cosmos-479 (1972-017A)
Cosmos-1170 (1980-025A)
Cosmos-1173 (1980-029A)
Cosmos-1174 (1980-030A)

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN MAY 1980

1. In May 1980, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1461	Cosmos-1178	7 May					Investigation of the upper atmosphere and outer space
1462	Cosmos-1179	14 May					Investigation of the upper atmosphere and outer space
1463	Cosmos-1180	15 May					Investigation of the upper atmosphere and outer space
1464	Cosmos-1181	20 May					Investigation of the upper atmosphere and outer space
1465	Cosmos-1182	23 May					Investigation of the natural resources of the earth in the interests of the national economy of the USSR and international co-operation
1466	Soyuz-36	26 May					Transport of the fifth international crew under the INTERCOSMOS programme, comprising V. N. Kubasov (USSR) and B. Farkas (Hungary), to the Salyut-6 station to carry out scientific research and experiments
1467	Cosmos-1183	28 May					Investigation of the upper atmosphere and outer space

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in May 1980 and were no longer in earth orbit at 2400 hours Moscow time, 31 May:

Cosmos-930 (1977-067A)
Progress-9 (1980-033A)
Cosmos-1178 (1980-036A)
Cosmos-1180 (1980-038A)

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REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN JUNE 1980

1. In June 1980, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1468	Cosmos-1184	4 June					Investigation of the upper atmosphere and outer space
1469	Soyuz T-2	5 June					Testing and development of on-board systems in the improved Soyuz T series transport vehicle under piloted conditions. Cosmonauts Y. V. Malyshev and V. V. Aksenov, crew
1470	Cosmos-1185	6 June					Investigation of the natural resources of the earth in the interests of various branches of the national economy of the USSR and international co-operation
1471	Cosmos-1186	6 June					Investigation of the upper atmosphere and outer space
1472	Cosmos-1187	12 June					Investigation of the upper atmosphere and outer space
1473	Gorizont	14 June					Provision of telephone and telegraph radiocommunication and transmission of television programmes
1474	Cosmos-1188	14 June					Investigation of the upper atmosphere and outer space
1475	Meteor	18 June					Acquisition of information required for continued investigation of the natural resources of the earth; development of remote sensing methods for measuring the status of the earth's surface and atmosphere beneath the satellite
1476	Molniya-1	21 June					Operation of the long-range telephone and telegraph radio-communications system in the USSR; transmission of USSR central television programmes to stations in the Orbita network
1477	Cosmos-1189	26 June					Investigation of the upper atmosphere and outer space
1478	Progress-10	29 June					Delivery of various cargoes to the Salyut-6 orbital station

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in June 1980 and were no longer in earth orbit at 2400 hours Moscow time, 30 June:

Cosmos-544 (1973-003A)
Cosmos-549 (1973-010A)
Soyuz-35 (1980-027A)
Cosmos-1177 (1980-035A)
Cosmos-1182 (1980-040A)
Cosmos-1183 (1980-042A)
Soyuz T-2 (1980-045A)
Cosmos-1185 (1980-046A)
Cosmos-1187 (1980-048A)

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COMMITTEE ON THE PEACEFUL USES OF
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ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 12 September 1980 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and has the honour to transmit herewith copies of the registration data for United States space launches for the month of May 1980.

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 31 May 1980

All launches were made from the territory of the United States, unless otherwise specified

International designation	Date of launch	Nodal period	Incli-nation	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit:						
1980-043A	29 May	101.9	92.3	1428	264	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1980-043B	29 May	101.5	92.3	1393	264	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
The following object not previously reported has been identified since the previous report:						
1966-096C	26 Oct	597.7	17.8	33889	35783	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 31 May 1980: 1961-0MI 211
1965-082MN
1965-082QV
1965-082AR
1965-082AS
1967-100B
1969-082CS
1969-082AV
1972-058BC
1972-058BW
1972-058HF
1975-004EW

The following revision should be made in the report of April 1980:

Add to Section "The following objects were no longer in orbit as of 30 April 1980": 1972-058DV
1972-058BL
1972-058AF

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COMMITTEE ON THE PEACEFUL USES
OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION
ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 1 October 1980 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and has the honour to transmit herewith 10 copies of the launch registration data for United States space launches for the months of June and July 1980.

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 30 June 1980

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
1980-052A	18 June	88.8	96.4	262	164	Spacecraft engaged in investigation of space flight techniques and technology
1980-052C	18 June	112.1	96.6	1,328	1,326	Spacecraft engaged in investigation of space flight techniques and technology
The following object not previously reported has been identified since the last report:						
1965-065T	13 August	108.0	90.0	1,186	1,180	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
The following object achieved orbit since the last report but is no longer in orbit as of 2400Z on 30 June 1980:						
1980-052B	18 June					Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 30 June 1980:

1961-OMI 132	1975-004BQ
1965-082TC	1975-004DS
1969-051B	1977-065ET
1969-082BR	1979-094A
1969-082DG	

/...

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 31 July 1980

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object

New objects in orbit:

None

The following object not previously reported has been identified since the previous report:

1980-43C	29 May	95.3	92.2	820	243	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 31 July 1980:

1965-072D	1970-025JC
1965-082MR	1972-058AJ
1965-082UK	1972-058BX
1969-082GM	1972-058DP
1969-097E	1977-065DG

The following revision should be made in the report of May 1980:

Add to "The following objects were no longer in orbit as of 31 May 1980:" 1972-958DP

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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 15 October 1980 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the Union of Soviet Socialist Republics in July 1980 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN JULY 1980

1. In July 1980, the following space objects were launched:

	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1479	COSMOS-1190	1 July	829	792	74	100.8	Investigation of the upper atmosphere and outer space.
1480	COSMOS-1191	2 July	40 165	646	62.8	726	Investigation of the upper atmosphere and outer space.
1481-1488	COSMOS-1192-COSMOS-1199*	9 July	1 522	1 451	74	115.3	Investigation of the upper atmosphere and outer space.
1489	COSMOS-1200	9 July	332	209	72.9	89.5	Investigation of the upper atmosphere and outer space.
1490	EKRAN	15 July	35 474	35 474	0.36	1 420	Transmission of USSR Central Television programmes to a network of receivers for collective use.
1491	COSMOS-1201	15 July	274	220	82.3	89.1	Investigation of the natural resources of the earth in the interests of various branches of the national economy of the USSR and international co-operation.
1492	MOLNIYA-3	18 July	40 815	467	62.8	736	Operation of the long-range telephone and telegraph radiocommunications system in the USSR, transmission of USSR Central Television programmes to stations in the Orbita network and within the framework of international co-operation.

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	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1493	SOYUZ-37	23 July	312	263	51.6	90	Transport to the Salyut-6 station of the sixth international crew under the Intercosmos programme, comprising V. V. Gorbatko (USSR) and Pham Tuan (Viet Nam), to conduct scientific research and experiments.
1494	COSMOS-1202	24 July	333	209	72.9	89.6	Investigation of the upper atmosphere and outer space.
1495	COSMOS-1203	31 July	303	227	82.3	89.5	Investigation of the natural resources of the earth in the interests of various branches of the national economy of the USSR and international co-operation.
1496	COSMOS-1204	31 July	546	346	50.7	93.3	Investigation of the upper atmosphere and outer space.

* Objects Nos. 1481-1488 were launched by a single carrier rocket.

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in July 1980 and were no longer in earth orbit at 2400 hours Moscow time on 31 July:

COSMOS-395 (1971-013A)
COSMOS-536 (1972-088A)
SOYUZ-36 (1980-041A)
COSMOS-1189 (1980-054A)
PROGRESS-10 (1980-055A)
COSMOS-1200 (1980-059A)
COSMOS-1201 (1980-061A)

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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 23 December 1980 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the Union of Soviet Socialist Republics in August, September and October 1980 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN AUGUST 1980

1. In August 1980, the USSR launched the following space objects:

	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1497	COSMOS-1205	12 August	332	208	72.8	89.6	Investigation of the upper atmosphere and outer space.
1498	COSMOS-1206	15 August	659	630	81.2	97.4	Investigation of the upper atmosphere and outer space.
1499	COSMOS-1207	22 August	282	218	82.3	89.2	Investigation of the natural resources of the earth in the interests of various branches of the national economy of the USSR and international co-operation.
1500	COSMOS-1208	26 August	362	181	67.1	89.6	Investigation of the upper atmosphere and outer space.

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in August 1980 and were no longer in earth orbit at 2400 hours Moscow time on 31 August:

COSMOS-661 (1974-045A)
COSMOS-1202 (1980-065A)
COSMOS-1203 (1980-066A)
COSMOS-1205 (1980-068A)

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REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN SEPTEMBER 1980

1. In September 1980, the USSR launched the following space objects:

	Name of space object	Date of launching	asic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1501	COSMOS-1209	3 September	306	222	82.3	89.4	Investigation of the natural resources of the earth in the interests of various branches of the national economy of the USSR and international co-operation.
1502	METEOR-2	9 September	906	868	81.2	102.4	Gathering meteorological information and data on penetrating radiation fluxes in circumterrestrial space.
1503	SOYUZ-38	18 September	320	278	51.6	90.2	Transport to the SALYUT-6 station of the seventh international crew under the INTERCOSMOS programme, comprising Y. V. Romanenko (USSR) and A. Tomaio Mendes (Cuba), to conduct scientific research and experiments.
1504	COSMOS-1210	19 September	268	195	82.3	88.8	Investigation of the upper atmosphere and outer space.
1505	COSMOS-1211	23 September	261	215	82.4	89.1	Investigation of the upper atmosphere and outer space.

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REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN SEPTEMBER 1980 (continued)

	Name of space object	Date of launching	Basic orbit characteristics: Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	General purpose of space object
1506	COSMOS-1212	16 September	275	216	82.3	89.1	Investigation of the natural resources of the earth in the interests of various branches of the national economy of the USSR and international co-operation.
1507	PROGRESS-11	28 September	270	193	51.6	88.8	Delivery of various cargoes to the SALYUT-6 orbital station.

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in September 1980 and were no longer in earth orbit at 2400 hours Moscow time on 30 September:

COSMOS-610 (1973-093A)
COSMOS-707 (1975-008A)
INTERCOSMOS 13 (1975-022A)
COSMOS-749 (1975-062A)
COSMOS-1175 (1980-031A)
COSMOS-1207 (1980-070A)
COSMOS-1208 (1980-071A)
COSMOS-1209 (1980-072A)
SOYUZ-38 (1980-075A)

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REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN OCTOBER 1980

1. In October 1980, the USSR launched the following space objects:

	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1508	COSMOS-1213	3 October	343	207	72.8	89.6	Investigation of the upper atmosphere and outer space.
1509	RADUGA	5 October	36 000	36 000	0.4	1 444	Provision of round-the-clock telephone and telegraph links and simultaneous transmission of colour and black and white USSR central television programmes to "stations" in the ORBITA network.
1510	COSMOS-1214	10 October	368	181	67.2	89.7	Investigation of the upper atmosphere and outer space.
1511	COSMOS-1215	14 October	553	499	74	95.1	Investigation of the upper atmosphere and outer space.
1512	COSMOS-1216	16 October	404	209	72.9	90.3	Investigation of the upper atmosphere and outer space.
1513	COSMOS-1217	24 October	40 165	642	62.8	726	Investigation of the upper atmosphere and outer space.

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REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN OCTOBER 1980 (continued)

	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1514	COSMOS-1218	30 October	374	178	64.9	89.7	Investigation of the upper atmosphere and outer space.
1515	COSMOS-1219	31 October	353	205	72.9	89.7	Investigation of the upper atmosphere and outer space.

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in October 1980 and were no longer in earth orbit at 2400 hours Moscow time on 31 October:

COSMOS-631 (1974-005A)
COSMOS-812 (1976-031A)
COSMOS-899 (1977-022A)
COSMOS-960 (1977-103A)
SOYUZ-37 (1980-064A)
COSMOS-1211 (1980-077A)
COSMOS-1212 (1980-078A)
COSMOS-1213 (1980-080A)
COSMOS-1214 (1980-082A)
COSMOS-1216 (1980-084A)

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COMMITTEE ON THE PEACEFUL USES OF
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INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 2 February 1981 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The representative of the United States of America to the United Nations presents his compliments to the Secretary-General of the United Nations and has the honour to transmit herewith 10 copies of the launch registration data for United States space launches for the months of August, September, October and November 1980.

81-05105

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 31 August 1980

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit:						
None						
The following objects not previously reported have been identified since the last report:						
1965-048G	Jun 24	106.7	89.9	1 133	1 017	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-048H	Jun 24	106.7	89.9	1 133	1 016	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1973-040B	Jun 12	1 445.6	5.5	36 157	35 786	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 31 August 1980:

1961-OMI 247	1963-049J	1963-049K	1963-049L	1963-049M	1964-083H
1964-083M	1965-082F	1965-082CJ	1965-082FY	1965-082HS	1965-082LR
1965-082MC	1965-082NS	1965-082PC	1965-082PG	1965-082PJ	1965-082QD
1965-082QF	1965-082QS	1965-082RQ	1965-082SN	1965-082TK	1965-082TN
1969-082CR	1969-082DF	1969-082FT	1969-082HM	1972-058DD	1972-091A
1977-065BP	1980-043C				

The following revision should be made in the report of July 1980:

Correct the last line to read: "Add to 'The following objects were no longer in orbit as of 31 May 1980:'" 1972-058DP

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 30 September 1980

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit:						
1980-074A	Sept 9	1 441.9	0.2	36 008	35 791	Spacecraft engaged in investigation of space flight techniques and technology
1980-074B	Sept 9	110.2	28.1	2 305	166	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1980-074C	Sept 9	1 766.3	0.1	49 726	34 324	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the previous report:						
1966-005H	Jan 28	105.6	89.8	1 186	858	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1966-005J	Jan 28	105.7	89.8	1 198	856	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1967-026C	Mar 23	259.3	26.8	14 005	177	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1973-086GL	Nov 5	116.5	101.9	1 542	1 507	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 30 September 1980:

1964-076J
1964-083K
1965-082KP
1965-082MM
1965-082QT
1965-082RY
1965-082TG
1965-082TQ
1965-082TT
1965-082TX
1966-056AA
1966-056AD
1969-082EC
1969-082EF
1969-082HU
1969-082HX
1970-025KD
1972-058CE
1972-058FH
1972-058HU
1973-086FY
1975-004DF
1975-004EJ
1975-004FZ

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REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following objects were no longer in orbit as of 2400Z on 30 September 1980:

1975-004GK
1975-004HB
1976-091D
1977-065EA
1977-065FE
1980-043B

Supplemental information:

Spacecraft launched 15 July did not achieve orbit. This spacecraft was intended to perform investigations of space height techniques and technology.

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REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 31 October 1980

All launches were made from the territory of the United States unless other wise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit:						
1980-087A	Oct 31	1 428.4	2.5	36 237	35 033	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

The following objects were no longer in orbit as of 2400Z on 31 October 1980:

1965-082CW
1965-082MP
1965-082NK
1965-082PZ
1969-082CT
1969-082FY
1969-082HK
1972-014B
1972-058EY
1975-004CT
1975-004FT
1977-065BC
1977-065FA

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REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 30 November 1980

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit:						
1980-091A	Nov 15	1 353.5	0.4	35 834	34 064	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
The following object not previously reported has been identified since the previous report:						
1980-087B	Oct 31	806.6	26.4	35 568	259	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 30 November 1980:

1962-B PSI4
1965-082HY
1969-082L
1972-058AZ
1965-082JE
1965-082MB
1965-082ND
1969-082FN
1972-058AZ
1974-054B
1977-065AC
1978-041B
1980-074B

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COMMITTEE ON THE PEACEFUL USES OF
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INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 18 February 1981 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the Union of Soviet Socialist Republics in November 1980 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN NOVEMBER 1980

1. In November 1980, the following space objects were launched by the USSR:

	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1516	COSMOS-1220	4 November	454	432	65	93.3	Investigation of the upper atmosphere and outer space.
1517	COSMOS-1221	12 November	424	207	72.9	90.5	Investigation of the upper atmosphere and outer space.
1518	MOLNIYA-1	16 November	40 651	640	62.8	736	Operation of the long-range telephone and telegraph radio communications system in the USSR, transmission of USSR central television programmes to stations in the Orbita network.
1519	COSMOS-1222	21 November	659	624	81.2	97.4	Investigation of the upper atmosphere and outer space.
1520	SOYUZ T-3	27 November	251	200	51.6	88.7	Tests of the improved transport ship of the "SOYUZ T" series; transport to the Salyut-6 orbital station of a crew consisting of L. D. Kizim, O. G. Makarov and G. M. Strekalov to carry out repair and preventive work and scientific and technical investigations and experiments.
1521	COSMOS-1223	28 November	40 165	614	62.8	726	Investigation of the upper atmosphere and outer space.

All objects were launched from the territory of the USSR.

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2. The following space objects ceased to exist in November 1980 and were no longer in earth orbit at 2400 hours Moscow time on 30 November:

COSMOS-655 (1974-035A)
COSMOS-790 (1976-007A)
COSMOS-845 (1976-075A)
COSMOS-1219 (1980-088A)
COSMOS-1221 (1980-090A)

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Note verbale dated 3 April 1981 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the Union of Soviet Socialist Republics in December 1980 and January 1981 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN DECEMBER 1980

1. In December 1980, the following space objects were launched by the USSR:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1522	Cosmos-1224	1 December	403	209	72.9	90.3	Investigation of the upper atmosphere and outer space
1523	Cosmos-1225	5 December	1 041	967	82.9	105	Investigation of the upper atmosphere and outer space
1524	Cosmos-1226	10 December	1 025	982	83	105	Investigation of the upper atmosphere and outer space
1525	Cosmos-1227	16 December	325	209	72.9	89.5	Investigation of the upper atmosphere and outer space
1526-1533	Cosmos-1228 -1235	24 December	1 491	1 415	74	114.6	Investigation of the upper atmosphere and outer space
1534	Prognoz-8	25 December	199 000	550	65	5 723	Investigation of the corpuscular and electromagnetic radiation of the sun, of solar plasma fluxes and of the magnetic fields in circumterrestrial

.../

1	2	3	4	5	6	7	8
							space in order to determine the effects of solar activity on the interplanetary medium and on the earth's magnetosphere
1535	Ekran	26 December	35 554	35 554	0.4	1 424	Transmission of USSR central television programmes to a network of receivers for collective use
1536	Cosmos-1236	26 December	388	180	67.1	89.8	Investigation of the upper atmosphere and outer space

All objects were launched from the territory of the USSR.

Remarks: Objects 1526-1533 were launched by a single carrier rocket.

In addition to Soviet apparatus, object 1534 carried scientific apparatus produced in the USSR, the Czechoslovak Socialist Republic, the Polish People's Republic and Sweden under programmes of international co-operation in the exploration and use of outer space for peaceful purposes.

2. The following space objects ceased to exist in December 1980 and were no longer in earth orbit at 2400 hours Moscow time, 31 December:

Cosmos-698 (1974-100A)
Cosmos-781 (1975-109A)
Cosmos-787 (1976-001A)
Cosmos-870 (1976-115A)
Progress-11 (1980-079A)
Cosmos-1218 (1980-086A)
Soyuz-T-3 (1980-094A)
Cosmos-1224 (1980-096A)
Cosmos-1227 (1980-101A)

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REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN JANUARY 1981

1. In January 1981, the following space objects were launched by the USSR:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1537	Cosmos-1237	6 January	410	207	72.9	90.4	Investigation of the upper atmosphere and outer space
1538	Molniya-3	9 January	40 784	485	62.5	736	Operation of the long-range telephone and telegraph radio communications system in the USSR; transmission of USSR Central Television programmes to stations in the Orbita network and within the framework of international co-operation
1539	Cosmos-1238	16 January	1 976	411	83	109.1	Investigation of the upper atmosphere and outer space
1540	Cosmos-1239	16 January	265	222	82.3	89	Investigation of the upper atmosphere and outer space
1541	Cosmos-1240	20 January	377	178	64.9	89.8	Investigation of the upper atmosphere and outer space

.../

1	2	3	4	5	6	7	8
1542	Cosmos-1241	21 January	1 000	1 000	65.8	105	Investigation of the upper atmosphere and outer space
1543	Progress-12	24 January	299	188	51.6	89.1	Delivery of various cargoes to the Salyut-6 orbital station
1544	Cosmos-1242	27 January	684	635	81.2	97.6	Investigation of the upper atmosphere and outer space
1545	Molniya-1	30 January	40 801	464	62.8	736	Operation of the long-range telephone and telegraph radio communications system in the USSR; transmission of USSR Central Television programmes to stations in the Orbita network

All objects were launched from the territory of the USSR.

2. The following space objects ceased to exist in January 1981 and were no longer in earth orbit at 2400 hours Moscow time, 31 January:

Cosmos-1008 (1978-049A)
Prognoz-7 (1978-101A)
Cosmos-1236 (1980-105A)
Cosmos-1237 (1981-001A)
Cosmos-1239 (1981-004A)

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COMMITTEE ON THE PEACEFUL USES
OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION
ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 23 April 1981 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The representative of the United States of America to the United Nations presents her compliments to the Secretary-General of the United Nations and has the honour to transmit herewith seven copies of the launch registration reports for the months of December 1980 and January 1981.

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 31 December 1980

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit:						
1980-098A	Dec 6	1 433.8	0.8	35 937	35 545	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1980-100A	Dec 13	89.8	63.8	356	183	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1980-100B	Dec 13	89.7	63.8	354	180	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1965-016K	Mar 9	103.3	70.1	933	899	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1965-027C	Apr 3	111.4	90.2	1 316	1 268	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report but were no longer in orbit as of 2400Z on 31 December 1980:

1978-078D	Aug 8
1978-078E	Aug 8
1978-078F	Aug 8
1978-078G	Aug 8

The following objects were no longer in orbit as of 2400Z on 31 December 1980:

1961-0MI22
1965-082CP
1965-082DS
1965-082JZ
1965-082PQ
1968-017B
1969-082BC
1969-082ET
1969-082FC

/...

1972-058FF
1972-076E
1975-004CL
1976-004EH
1978-078D
1978-078E
1978-078F
1978-078G

Revisions:

Amend "New objects in orbit" of October 1980 report. a/ Change due to injection into final orbit:

1980-087A	Oct 31	1 445.4	2.3	36 172	35 762

a/ ST/SG/SER.E/44, p. 5.

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 31 January 1981

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit:						
None						
The following object not previously reported has been identified since the last report:						
1964-026F	Jun 4	102.5	90.5	914	834	Spent boosters, spent manoeuvring stages, shrouds, and other non-functional objects

The following objects were no longer in orbit as of 2400Z on 31 January 1981:

1961-OMI42
1961-OMI90
1965-082AC
1965-082TJ
1969-082AF
1969-082FR
1969-082GQ
1975-004CP
1977-065L

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OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 1 June 1981 from the Permanent Mission of the Union of Soviet Socialist Republics to the United Nations addressed to the Secretary-General

The Permanent Mission of the Union of Soviet Socialist Republics to the United Nations presents its compliments to the Secretary-General of the United Nations and, in conformity with article IV of the Convention on Registration of Objects Launched into Outer Space, has the honour to transmit information concerning space objects launched by the USSR in February and March 1981 and concerning objects previously launched into earth orbit which are no longer in orbit.

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN FEBRUARY 1981

1. In February 1981, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1546	COSMOS-1243	2 February	1,026	316	66	98	Investigation of the upper atmosphere and outer space
1547	INTERCOSMOS-21*	6 February	520	475	74	94.5	Development of methods for comprehensive study of the oceans and the surface of the earth, and testing of the experimental system of automatic gathering of scientific information from sea and land stations
1548	COSMOS-1244	12 February	1,024	975	82.9	105	Investigation of the upper atmosphere and outer space
1549	COSMOS-1245	13 February	403	208	72.9	90.3	Investigation of the upper atmosphere and outer space
1550	COSMOS-1246	18 February	292	202	64.9	89.2	Investigation of the upper atmosphere and outer space
1551	COSMOS-1247	19 February	39,540	613	62.8	709	Investigation of the upper atmosphere and outer space

All objects were launched from the territory of the USSR.

* Space object No. 1547 was launched under the INTERCOSMOS programme by the USSR together with the Czechoslovak Socialist Republic, the German Democratic Republic, the Hungarian People's Republic and the Socialist Republic of Romania.

2. In February 1981 the following space objects ceased to exist and were no longer in earth orbit at 2400 hours Moscow time on 28 February:

COSMOS-752 (1975-069A)
COSMOS-891 (1977-006A)
COSMOS-924 (1977-060A)
COSMOS-1204 (1980-067A)
COSMOS-1240 (1981-005A)
COSMOS-1243 (1981-010A)
COSMOS-1245 (1981-014A)

/...

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE USSR IN MARCH 1981

1. In March 1981, the USSR launched the following space objects:

No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1552	COSMOS-1248	5 March	371	180	67.1	89.7	Investigation of the upper atmosphere and outer space
1553	COSMOS-1249	5 March	282	258	65	89.6	Investigation of the upper atmosphere and outer space
1554-1561	COSMOS-1250-1257*	6 March	1,500	1,450	74	115	Investigation of the upper atmosphere and outer space
1562	SOYUZ T-4	12 March	331	250	51.6	90.1	Transport to the SALYUT-6 orbital station of cosmonauts V. V. Kovalenko and V. P. Savinykh to carry out repairs and preventive maintenance and scientific and technical investigations and experiments
1563	COSMOS-1258	14 March	1 032	322	65.8	98	Investigation of the upper atmosphere and outer space
1564	COSMOS-1259	17 March	405	215	70.4	90.4	Investigation of the upper atmosphere and outer space
1565	RADUGA	18 March	36,590	36,590	0.4	1,477	Provision of uninterrupted round-the-clock telephone and telegraph radiocommunications and simultaneous transmission of colour and black-and-white USSR Central Television programmes to stations in the Orbita network
1566	COSMOS-1260	21 March	458.7	435.2	65	93.3	Investigation of the upper atmosphere and outer space

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No.	Name of space object	Date of launching	Basic orbit characteristics				General purpose of space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
1	2	3	4	5	6	7	8
1567	SOYUZ-39	22 March	320	271	51.6	90.3	Transport to the SALYUT-6 orbital station of the eighth international crew under the INTERCOSMOS programme, comprising V. A. Dzhanibekov (USSR) and Z. Gurragchi (Mongolian People's Republic) to conduct scientific investigations and experiments
1568	MOLNIYA-3	24 March	40,655	641	62.8	736	Operation of the long-range telephone and telegraph radiocommunications system in the USSR, transmission of USSR Central Television programmes to stations in the Orbita network and within the framework of international co-operation
1569	COSMOS-1261	31 March	40,170	615	62.8	710	Investigation of the upper atmosphere and outer space

All objects were launched from the territory of the USSR.

* Space objects Nos. 1554-1561 were launched by a single carrier rocket.

2. In March 1981 the following space objects ceased to exist and were no longer in earth orbit at 2400 hours Moscow time on 31 March:

INTERCOSMOS-18 (1978-099A)
INTERCOSMOS-20 (1979-096A)
COSMOS-1164 (1980-013A)
PROGRESS-12 (1981-007A)
COSMOS-1244 (1981-013A)
COSMOS-1258 (1981-024A)
COSMOS-1259 (1981-026A)
SOYUZ-39 (1981-029A)

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Note verbale dated 4 June 1981 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The representative of the United States of America to the United Nations presents her compliments to the Secretary-General of the United Nations and has the honour to transmit herewith seven copies of the launch registration reports for the months of February and March 1981.

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 2400Z on 28 February 1981

All launches were made from the territory of the United States unless otherwise specified

ernational signation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
objects in orbit:						
1-018A	21 Feb	638	28.7	35 793	546	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1-019A	28 Feb	88.5	96.4	285	138	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
following objects not previously reported have been identified since the last report:						
8-026D-FP	5 Mar	146 objects have been identified as having been launched with 1978-026A. Three objects have previously been reported.				
following objects not previously reported have been identified since the last report but e no longer in orbit as of 2400Z on 28 February 1981:						
8-026CU	5 Mar					

following objects were no longer in orbit as of 2400Z on 28 February 1981: 1961-OMI117
1965-082GA
1965-082KV
1965-028NU
1965-082PK
1965-082SL
1965-082SU
1969-082FS

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States space launches as of 2400Z on 31 March 1981

All launches were made from the territory of the United States unless otherwise specified

International designation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
New objects in orbit:						
1981-025A	16 Mar	631.1	26.5	35 667	317	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1981-025C	16 Mar	1 421	2.0	35 524	35 454	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1978-026EQ	5 Mar	100.5	98.8	846	741	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1978-026ER	5 Mar	100.4	111.5	918	640	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1978-026ES	5 Mar	100.5	99.0	876	648	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1978-026ET	5 Mar	100.5	98.8	1 008	553	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

ternational esignation	Date of launch	Nodal period	Inclination	Apogee (km)	Perigee (km)	General function of space object
80-091B	15 Nov	508	27.6	29 338	119	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
81-018B	21 Feb	650.5	20.6	36 361	622	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

e following objects achieved orbit since the last report but are no longer in orbit of 2400Z on 31 March 1981:

81-025B	16 Mar	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

following objects were no longer in orbit as of 2400Z on 31 March 1981:

1964-076N	1969-068A
1965-016G	1972-058EK
1965-082CA	1972-058EV
1965-082CK	1972-058FZ
1965-082HQ	1980-052A